

FET Postgraduate Research Colloquium Cycle 1 / 2024

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Date: 19 June 2024, Wednesday

Time	Student Name	Program	Ms Teams Link	Research Title
9.00 am - 9.20 am	OOI YONGSON	Ph.D. (Eng)	Meeting ID: 486 500 867 91 Passcode: 4mzWL8	EFFECTS OF NANOPARTICLE MIGRATION ON THE HEAT CONVECTION OF NANOFUIDS
9.30 am - 9.50 am				
10.00 am - 10.20 am	KOH WEI HAO	M.Eng.Sc.		TRIANGULAR FINITE ELEMENTS BASED ON STRAIN APPROACH FOR APPLICATIONS IN SOLID MECHANICS
3.00 pm - 3.20 pm	MOUMEN MAHMOUD JAZAYERLI	M.Eng.Sc.	Meeting ID: 486 500 867 91 Passcode: 4mzWL8	INVESTIGATING THE ROLES OF FRICTION STIR LAP WELDING PARAMETERS AND MATERIALS IN JOINING ULTRA-THIN ALUMINIUM AND COPPER SHEETS EFFICIENTLY

Date: 20 June 2024, Thursday

Time	Student Name	Program	Ms Teams Link	Research Title
9.30 am - 9.50 am	EDMOND EWE LI REN	Ph.D. (Eng)	Meeting ID: 492 629 274 13 Passcode: H9fsCZ	HAND GESTURE RECOGNITION WITH DEEP LEARNING
10.00 am - 10.20 am	VIKNEESH KUMAR A/L SIVAKUMAR	Ph.D. (Eng)		INTELLIGENT TOURIST ATTRACTIONS RECOMMENDER SYSTEM WITH HYBRID COLLABORATIVE FILTERING
10.30 am - 10.50 am	LUI POH WEI	M.Eng.Sc.		INCIDENT DETECTION BASED ON WATER SURFACE WAVE PATTERN RECOGNITION
11.30 am - 11.50 pm	YONG YIK SENG	Ph.D. (Eng)	Meeting ID: 486 500 867 91 Passcode: 4mzWL8	CHARACTERISATION OF ZR-BASED COMPOUNDS USING AB INITIO METHOD
12.00 pm - 12.20 pm	LOW LAY CHEN	Ph.D. (Eng)		COMPUTATIONAL SIMULATION OF LEAD CHALCOGENIDE ALLOYS
12.30 pm - 12.50 pm	BINGHOOTH MOHAMMED AHMED SALEM	Ph.D. (Eng)	Meeting ID: 485 968 806 906 Passcode: v34u64	ENERGY-EFFICIENT RESOURCE ALLOCATION FOR ULTRA-DENSE 5G MOBILE NETWORKS
2.30 pm - 2.50 pm	BAKHURAI SA YASER AWADH KARAMA	Ph.D. (Eng)	Meeting ID: 485 968 806 906 Passcode: v34u64	VEHICLE DETECTION AND LOCALIZATION FOR INTELLIGENT TRANSPORTATION SYSTEMS
3.00 pm - 3.20 pm	JULIANA BINTI JAMALDIN	M.Eng.Sc.		INVESTIGATION OF MILLIMETER WAVE SCATTERING MECHANISM FOR HUMAN POSTURES AND GAITS SENSING
3.30 pm - 3.50 pm	AHMED MOHAMED ABDELLATIF ABDELRAHMAN ELNGAR	M.Eng.Sc.		Optimisation of Trajectory, Wireless Power Transfer and Sensor Node Localisation for UAV-Assisted Wireless Powered IoT

Date: 21 June 2024, Friday

Time	Student Name	Program	Ms Teams Link	Research Title
8.30 am - 8.50 am	KANG CHUN QUAN	MEngSc	Meeting ID: 486 500 867 91 Passcode: 4mzWL8	DEVELOPMENT OF A SMART AUTONOMOUS LAWNMOWER
9.00 am - 9.20 am	ROBIN EDMUND TAN JIN HONG	MEngSc		DEVELOPMENT OF A SMART SYSTEM THAT CULTIVATES DRINKING WATER HABITS AMONG CHILDREN
10.00 am - 10.20 am	Nawras Abbas	PhD	Meeting ID: 493 579 777 683 Passcode: 2CWAwc	Antenna Design
10.30 am - 11.00am	Nur Hasliinda binti Mohamed Muzni	Ph.D. (Eng)	Meeting ID: 411 109 120 033 Passcode: Hvi8xF	Intermetallic Compound Growth Mechanism of Hybrid Nanocomposite Lead-Free Solder Alloy
11.30 am - 11.50 pm	Chy Tawshif Khan	PhD	Meeting ID: 493 579 777 683 Passcode: 2CWAwc	ECG based ERS using Deep Transfer Learning
12.00 pm - 12.20 pm	Muhammad Shahrul Zaim	MEngSc		Sagittal balance analyzer using AI
12.30 pm - 12.50 pm	JESMEEN MOHD ZEBARAL HOQUE	PhD		IOT DATA QUALITY CONTROL FOR SMART HOMES SYSTEMS
2.30 pm - 2.50 pm	Teoh Tai Shie	M.Eng.Sc.	Meeting ID: 493 579 777 683 Passcode: 2CWAwc	Development of Driver Drowsiness Detection System
3.00 pm - 3.20 pm	Khubab Ahmad	M.Eng.Sc.		Enhanced detection technique for driver tiredness using vehicle on-board diagnostics (OBD)
3.30 pm - 3.50 pm	Habeeb E Sadeed	M.Eng.Sc.		Integral Equation Methods in Theoretical Scattering Modelling